

STEREO MOC Status Report
Time Period: 2012:303 - 2012:309

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 306, during the DSS-55 support, turbo decoder lock was lost briefly at 0753z. This anomaly resulted in the loss of one frame of SSR data. See DR# N108495 for more information.
 - On day 307, during the DSS-55 support, turbo decoder lock was lost briefly at 0741z. This anomaly resulted in the loss of one frame of SSR data. See DR# N108497 for more information.
 - On day 308, during the DSS-63 support, turbo decoder lock was lost intermittently beginning at 0555z through 0715z due to heavy rain. This anomaly resulted in the loss of several minutes (93148 frames) of SSR data. See DR# M106975 for more information.
 - On day 309, during the DSS-63 support, turbo decoder lock was lost intermittently beginning at 0652z through 0809z. This anomaly resulted in the loss of 1296 frames of SSR data. See DR# requested for more information.
 - On day 309, during the DSS-15 support, turbo decoder lock was lost briefly at 1624z. This anomaly resulted in the loss of one frame of SSR data. See DR# N108501 for more information.
2. The following spacecraft/instrument events occurred during this week:
 - On day 307, the 51st momentum dump was executed successfully at 1630Z, which imparted a delta V of 0.096 m/sec.
 - The average daily SSR playback volume for Ahead was 5.3 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:
 - On day 306, during the DSS-63 support, turbo decoder lock was lost briefly at 1129z. This anomaly resulted in the loss of 26 frames of SSR data. See DR# N108496 for more information.
 - On day 308, during the DSS 14 support, tracking, telemetry and ranging data was lost intermittently between 1933z and 2008z due to Hour Angle encoder glitch antenna alarms. This anomaly resulted in the loss of several minutes (14475 frames) of SSR data. See DR #G113354 for more information.
2. The following spacecraft/instrument events occurred during this week:
 - On day 303, the SSR science partitions filled as follows:

SWAVES (Part 13) reached 100% full at 1630z for 2.1 hours.
IMPACT (Part 15) reached 95% full at 1823z for 0.2 hours.
SECCHI (Part 19) reached 100% full at 1656z for 1.6 hours.
The primary cause was the SSR pointer repositioning to minimize data loss during DSS-63 track with heavy rain on DOY 299.
 - On day 305, the SSR science partitions filled as follows:

SWAVES (Part 13) reached 100% full at 2000z for 2.3 hours.
The primary cause was the accumulated shortage of track time throughout the week.
 - On day 307, the SSR science partitions filled as follows:

SWAVES (Part 13) reached 100% full at 0647z for 15.5 hours.
IMPACT (Part 15) reached 95% full at 1749z for 4.5 hours.
The primary cause was the accumulated shortage of track time throughout the week.
 - On day 308, the SECCHI instrument reset at 14:36:54z. The SECCHI team reconfigured the instrument to operational mode at 1920z. This was the 18th reset of SECCHI on the Behind spacecraft.
 - The average daily SSR playback volume for Behind was 4.7 Gbits during this week.